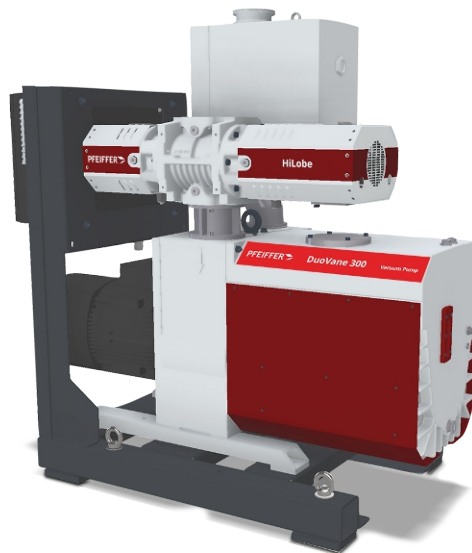


COMBI RD

Vacuum pump unit

PFEIFFER 
VACUUM+FAB SOLUTIONS

Part of the **BUSCH** GROUP



Reliable

High uptime, increased safety thanks to process monitoring via integrated sensors, intelligent user interface of vacuum booster

High performance

High pumping speed at low ultimate pressures, fast pump-down times, high energy efficiency

Flexible

Various design options available, different combinations of oil-lubricated two-stage rotary vane backing pumps and vacuum boosters possible

Accessories, spare parts and options

- Control unit for booster and backing pump
- Oil mist separator
- OFC (Chemical oil filter)
- OFM (Mechanical oil filter)
- Gas-ballast valve kit
- Operations monitoring unit
- SAS (Dust separator)
- KAS (Condensate separator)
- Various feet (height-adjustable machine foot, castor wheels, floor mounting)

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	COMBI RD 1002	COMBI RD 1604	COMBI RD 2054
Vacuum booster	HiLobe 1302	HiLobe 2104	HiLobe 2704
Backing pump	DuoVane 135	DuoVane 135	DuoVane 300
Pumping speed at 1 hPa(mbar)	975 m ³ /h	1644 m ³ /h	2037 m ³ /h
Ultimate pressure	5 · 10 ⁻⁴ hPa (mbar)	9 · 10 ⁻⁴ hPa (mbar)	9 · 10 ⁻⁴ hPa (mbar)
Ultimate pressure with gas ballast valve	9 · 10 ⁻⁴ hPa (mbar)	2 · 10 ⁻³ hPa (mbar)	2 · 10 ⁻³ hPa (mbar)
Max. power consumption	6.5 kW	11 kW	11 kW
Input voltage	400 V AC (±10%), 50 Hz	400 V AC (±10%), 50 Hz	400 V AC (±10%), 50 Hz
Noise level (ISO 2151) at 1 hPa(mbar)	≤75 dB(A)	≤75 dB(A)	≤75 dB(A)
Weight approx.	500 kg	650 kg	790 kg
Gas inlet / outlet	DN 100 ISO-F/PN 16 / DN 63 ISO-F	DN 100 ISO-F/PN 16 / DN 100 ISO-F	DN 160 ISO-F/PN 16 / DN 100 ISO-F

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